BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Improvements to Roads and drains at Chokkanahalli in Ward No.05, Byatarayanapura sub-division

			Estimate Cost Rs.					1800000.00	
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2013-14	cum							
	Narasareddy house road		1	77.00	5.00	0.15	**57.75**		
	Rajareddy house road		1	90.00	5.00	0.15	**67.50**		
	Thammaiah house road		1	35.00	3.00	0.15	**15.75**		
	Devraj house road		1	40.00	4.00	0.15	**24.00**		
			1	35.00	4.00	0.15	**21.00**		
							186.00	126.36	**23503.00**
	Basic Rate	117.00							
	Area Weightage @ 8%	9.36							
	Total	**126.36**							
2	KSRB-4-1.3 : Providing and laying in position p**lain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2013-	Cum							
	Narasareddy house road		1	77.00	5.00	0.15	**57.75**		
	Rajareddy house road		1	90.00	5.00	0.15	**67.50**		
	Thammaiah house road		1	35.00	3.00	0.15	**15.75**		
	Devraj house road		1	40.00	4.00	0.15	**24.00**		
			1	35.00	4.00	0.15	**21.00**		
							186.00	4290.84	**798096.00**
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	**4290.84**							
3	KSRB 4-6.7 : Providing and **removing centering, shuttering, strutting, propping etc**., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.34/ PWD SR 2013-	Sqm							
	Narasareddy house road		2	77.00		0.10	**15.40**		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Rajareddy house road		2	90.00		0.10	**18.00**		
	Thammaiah house road		2	35.00		0.10	**7.00**		
	Devraj house road		2	40.00		0.10	**8.00**		
			2	35.00		0.10	**7.00**		
							55.40	244.08	**13522.00**
	Basic Rate	226.00							
	Area Weightage @ 8%	18.08							
	Total	**244.08**							
4	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 for raft foundation, column footing, main and secondary beams. Page No. 19/ Item No. 4.48.1/ PWD SR 2013-14	Cum							
	Narasareddy house road		1	77.00	5.00	0.10	**38.50**		
	Rajareddy house road		1	90.00	5.00	0.10	**45.00**		
	Thammaiah house road		1	35.00	3.00	0.10	**10.50**		
	Devraj house road		1	40.00	4.00	0.10	**16.00**		
			1	35.00	4.00	0.10	**14.00**		
							124.00	6464.88	**801645.00**
	Basic Rate	5986.00							
	Area Weightage @ 8%	478.88							
	Total	**6464.88**							
5	KSRRB M2600-3: (ii) Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications, MORTH specification No. 2605, No. 251/ Item No. 31.3 PWD SR 2013-14	M							
			28	4.50			126.00		
							126.00	137.16	**17282.00**
	Basic Rate	127.00							
	Area Weightage @ 8%	10.16							
	Total	**137.16**							
6	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift No. 190/ Item No. 22.7/ PWD SR 2013-14	Sqm							
	Narasareddy house road		1	77.00	5.00		**385.00**		
	Rajareddy house road		1	90.00	5.00		**450.00**		
	Thammaiah house road		1	35.00	3.00		**105.00**		
	Devraj house road		1	40.00	4.00		**160.00**		
			1	35.00	4.00		**140.00**		
							1240.00	91.80	**113832.00**
	Basic Rate	85.00							
	Area Weightage @ 8%	6.80							
	Total	**91.80**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
7	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
			Qty. Vide Item No. 1				186.00	72.71	13523.00
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2010-11 (P.118/I.17.1) For loading and unloading	62.20							
		67.32							
		5.39							
	Total	**72.71**							
8	For Third Party QC Charges 1% on Estimate Cost								18000.00
9	Miscesallaneous Charges	L/S							597.00
								Total	1800000.00

(Rupees Eighteen Lakhs Only)

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2013-14
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Asst. Exe. Engineer
Byatarayanapura Sub Division

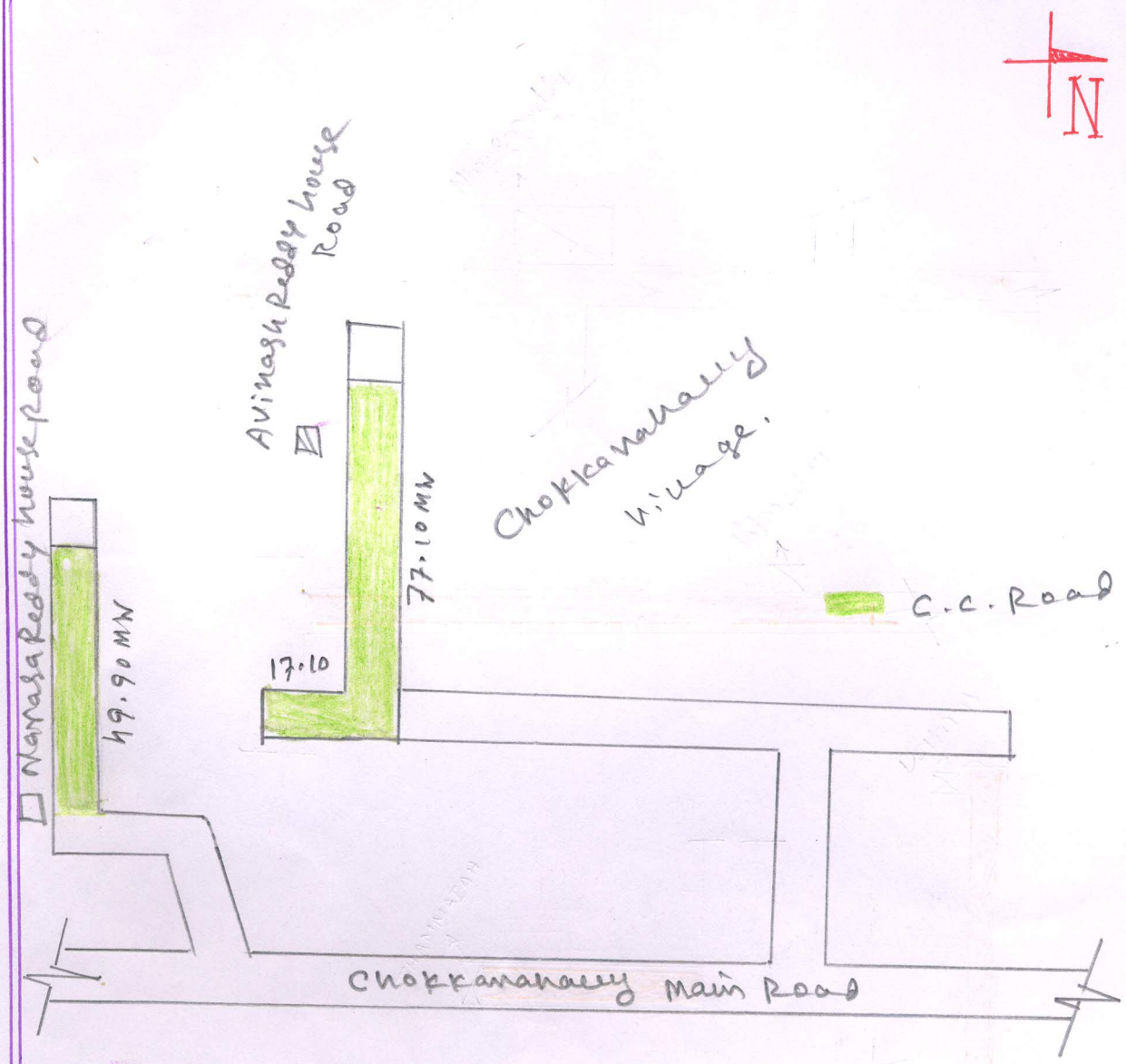
Executive Engineer
Byatarayanapura Division

ADMINISTRATIVELY SANCTIONED FOR Rs. 18.00 lakhs
Rupees Eighteen lakhs Only
Under AE(B)
Registered as EE ( ) No 9.....9.....
Subject to conditions contained in
enclosed memo EE ( ) No /9/....
Dt Estimate A/Sanctioned
Jc Yl Pol No A/S-445/13
dated 5-11-2013 Rs 18.00 lakhs

18.00 lakhs only.

Joint Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92

216/13-14 Subject
dt: 5.11.13.
EE (BTP.Div.)



Proposed C.C. Road,

SKETCH SHOWING:- Improvements To Roads and Drains at Chokkanahalli in Ward No-05 Byatarayanapura Subdivision B.B.M.P.

AE-05
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ.ಬ.ಮ.ಪ. ಬ್ಯಾತರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore